

REMARKS

The claims are claims 11 to 45.

The application has been further amended at many locations to change the word "said" to "the" and further amended to correct other minor errors.

Claims 1 to 10 are canceled. New claims 11 to 45 are added. Claims 11, 16, 21, 26, 31, 36 and 41 are independent claims corresponding to respective Figures 1, 4, 5, 6, 7, 8 and 9. Claims 12, 17, 22, 27, 32, 37 and 42 are dependent claims reciting the subject matter illustrated in Figure 2B. Claims 13, 18, 23, 26, 33, 38 and 43 are dependent claims reciting the subject matter illustrated in Figure 2C. Claims 14, 19, 24, 29, 34, 39 and 44 are dependent claims reciting the subject matter illustrated in Figure 3B. Claims 15, 20, 25, 30, 35, 40 and 45 are dependent claims reciting the subject matter illustrated in Figure 3C.

Claims 11 to 45 recite subject matter not anticipated by nor made obvious by Edmondson U.S. Patent No. 5,278,783. Claims 11, 16, 21, 26, 31, 36 and 41 recite generating a combined propagate signal and a combined generate signal for plural bits. Edmondson also fails to teach or suggest any of the detailed circuit connections recited in claims 11, 16, 21, 26, 31, 36 and 41. Claims 12, 13, 17, 18, 22, 23, 17, 28, 32, 33, 37, 38, 42 and 43 recite construction of an AND-NOR gate not taught in Edmondson. Claims 14, 15, 19, 20, 24, 25, 29, 30, 34, 34, 39, 40, 44 and 45 recite construction of an OR-NAND gate not taught in Edmondson.

The Applicants respectfully submit that all the present claims are allowable for the reasons set forth above. Therefore early reconsideration and advance to issue are respectfully requested.

If the Examiner has any questions or other correspondence regarding this application, Applicants request that the Examiner contact Applicants' attorney at the below listed telephone number and address to facilitate prosecution.

Texas Instruments Incorporated
P.O. Box 655474 M/S 3999
Dallas, Texas 75265
(972) 917-5290
Fax: (972) 917-4418

Respectfully submitted,

/Robert D. Marshall, Jr./
Robert D. Marshall, Jr.
Reg. No. 28,527